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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,968	02/06/2004	Paul D. Shirley	MIO 0112 PA/40509.272	7341
23368 DINSMORE &	7590 06/27/200 SHOHL LLP	EXAMINER		
	N CENTRE, ONE SOU	EDWARDS, LAURA ESTELLE		
SUITE 1300 DAYTON, OH 45402-2023			ART UNIT	PAPER NUMBER
ŕ			1792	
			MAIL DATE	DELIVERY MODE
			06/27/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary		Application No.	Applicant(s)				
		10/773,968	SHIRLEY, PAUL	D.			
		Examiner	Art Unit				
		Laura Edwards	1792				
Period fo	The MAILING DATE of this communication ap or Reply	opears on the cover sheet with the	e correspondence ad	ddress			
WHIC - Exter after - If NC - Failu Any (ORTENED STATUTORY PERIOD FOR REPICHEVER IS LONGER, FROM THE MAILING Insions of time may be available under the provisions of 37 CFR 1 SIX (6) MONTHS from the mailing date of this communication. period for reply is specified above, the maximum statutory period to reply within the set or extended period for reply will, by statutely received by the Office later than three months after the mailing departed term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNICATION .136(a). In no event, however, may a reply be d will apply and will expire SIX (6) MONTHS from the, cause the application to become ABANDO	ON. timely filed om the mailing date of this one of the control (35 U.S.C. § 133).	•			
Status							
1) 又	Responsive to communication(s) filed on 13 i	March 2008					
•		is action is non-final.					
3)	, 						
٥,١	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Dispositi	on of Claims						
-	4)⊠ Claim(s) <u>1-37</u> is/are pending in the application.						
•	4a) Of the above claim(s) <u>21-37</u> is/are withdrawn from consideration.						
	4a) Of the above claim(s) <u>27-37</u> is/are withdrawn from consideration. Claim(s) is/are allowed.						
	6)⊠ Claim(s) <u>1-20</u> is/are rejected.						
· ·	Claim(s) is/are objected to.						
•	Claim(s) are subject to restriction and/	or election requirement					
		or closure requirements					
	on Papers						
9) The specification is objected to by the Examiner.							
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.							
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).							
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority ι	ınder 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
2) Notic 3) Inform	t(s) e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date	4) Interview Summa Paper No(s)/Mail 5) Notice of Informa 6) Other:					

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Claim Rejections - 35 USC § 102

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-10 and 12-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Matsuyama (US 2002/0176936) for reasons set forth in the previous office action.

Claims 1-7, 10, 12-15, and 16-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Tateyama et al (US 5,919,520) for reasons set forth in the previous office action.

With respect to claim 10, now based on claim 7, nozzle (AL) is capable of supplying airflow in a vertically downward direction.

Claim Rejections - 35 USC § 103

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Matsuyama (US 2002/0176936) in view of Chappa et al (US 7,077,910) for reasons set forth in the previous office action.

Claims 8 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tateyama et al (US 5,919,520) in view of Matsuyama (US 2002/0176936) for reasons set forth in the previous office action.

Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tateyama et al (US 5,919,520) in view of Chappa et al (US 7,077,910) for reasons set forth in the previous office action.

Response to Arguments

Applicant's arguments filed 3/13/08 have been fully considered but they are not persuasive.

Applicant contends that all rejections, under 102(b) should be withdrawn because the Examiner has not read the "control fluid" in light of the specification wherein page 3, lines 25 through 27 of the specification describes the control fluid as preferably an air source or inert gas, the latter such as nitrogen, argon or the like that, according to page 6, lines 7 through 8 of the specification, is applied to a portion of the deposited resist to "effect a local thickness change through modification of the evaporation rate of the solvent in the resist".

This argument is not deemed persuasive because the term "control fluid" has been given its broadest reasonable interpretation. The specification only suggests preferred control fluids but does not exclude other fluids including fluids being liquid in form. The 102(b) rejections are deemed proper and therefore have been maintained.

Applicant contends that a prima facie case of obviousness has not been established because the prior art to Matsuyama and Tateyama fails to recognize the "control fluid" interpretation in light of the specification.

This argument is not deemed persuasive because the cited references to Matsuyama and Tateyama do establish a control fluid supply (84) and (AL) respectively, as set forth in the

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previous office action and a prima facie case for obviousness has been established with the proper motivation being made for each supplemental reference as required by **Graham v. Deere**. Therefore, the obviousness rejections have been maintained.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura Edwards whose telephone number is (571) 272-1227. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nadine Norton can be reached on (571) 272-1465. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Laura Edwards/ Primary Examiner Art Unit 1792

Le June 23, 2008